

Delivered-To: rick.lumpkin@noaa.gov
Received: by 10.182.238.70 with SMTP id vi6csp38319obc;
Tue, 23 Oct 2012 20:49:43 -0700 (PDT)
Received: by 10.66.85.69 with SMTP id f5mr26791660paz.50.1351050583263;
Tue, 23 Oct 2012 20:49:43 -0700 (PDT)
Return-Path: <Peter.Strutton@utas.edu.au>
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by mx.google.com with SMTP id
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Tue, 23 Oct 2012 20:49:43 -0700 (PDT)
Received-SPF: pass (google.com: best guess record for domain of
Peter.Strutton@utas.edu.au designates 131.217.6.11 as permitted sender)
client-ip=131.217.6.11;
Authentication-Results: mx.google.com; spf=pass (google.com: best guess
record for domain of Peter.Strutton@utas.edu.au designates 131.217.6.11
as permitted sender) smtp.mail=Peter.Strutton@utas.edu.au
Received: from mx2.utas.edu.au ([131.217.6.11]) by
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Wed, 24 Oct 2012 03:49:32 GMT
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(Sun Java (tm) System Messaging Server 7u3-17.01 64bit (built Jun 8 2010))
with ESMTP id <0MCD003B4PAHRCD0@mmp-nhml.its.utas.edu.au> for
rick.lumpkin@noaa.gov; Wed, 24 Oct 2012 14:49:29 +1100 (EST)
Received: from MBXSBYn1.utas.ad.internal ([fe80::61e5:7f0d:a75b:d6c3])
by itssbyhc4.utas.ad.internal (:::1) with mapi id 14.01.0421.002; Wed,
24 Oct 2012 14:49:28 +1100
From: Peter Strutton <Peter.Strutton@utas.edu.au>
To: "Rick.Lumpkin@noaa.gov" <rick.lumpkin@noaa.gov>
Subject: Re: Argo drifters and rogue iron fertilization
Thread-topic: Argo drifters and rogue iron fertilization
Thread-index: AQHNrYG0mHNzmmSXi0uIYdYk897QJZfD8HsAgADC24CAAm5ggA==
Date: Wed, 24 Oct 2012 03:49:28 +0000
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<7C1D8360-604D-46DC-BDF6-A86A26CEDAA6@utas.edu.au>
<50855B31.10309@noaa.gov>
In-reply-to: <50855B31.10309@noaa.gov>
Accept-Language: en-AU, en-US
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X-MS-TNEF-Correlator:
X-Originating-IP: [131.217.20.15]
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Hi Rick

I am noticing some discrepancies between the deployment date/location of the drifters from the deployment log, and the date/location of the first data point in the data files. I am using these data to try to find out where the ship was, and when. Is it normal for the drifters to not transmit data for a few days after deployment? Should I use the deployment log as a better indication of where the ship went?

Hopefully the attached spreadsheet is fairly self-explanatory?

Thanks again for your help with this.
Regards
Pete

On 23/10/2012, at 1:41 AM, Rick.Lumpkin@noaa.gov <rick.lumpkin@noaa.gov> wrote:

> Hi Peter,
>
> First, I see some errors in the deplog for four drifters which we'll fix ASAP - we list them as S and E, when those four should be N and W.
>
> Next, I apologize for not previously telling you this: when the WMO number is, for example, 4600565 on our site, look for 46565 on the data server. The additional 0s are due to this drifter using an Argos-3 PMT in Argos-2 PTT mode - a technicality that you don't need to worry about when examining the data
>
> From the GTS server at www.aoml.noaa.gov/phod/trinanes/xbt.html, I clicked-and-dragged to get the North Pacific in the mini map, selected "GTS buoys", and downloaded all data since 15 August. Note that this is delivered in a pop-up window, so if you have pop-up blocked you'll have to allow an exception. The resulting data includes 46565, 46907, 46538, etc. (the drifter fixes that were transmitted on the GTS).
>
> Best,
> Rick

>

> On 10/21/2012 11:04 PM, Peter Strutton wrote:

>> Hi Everyone

>> Rick Lumpkin got back to me re how to access the data from the drifters that the Ocean Pearl deployed. I included the deployment info on the maps I made last week, see magenta circles in figure attached. I am still a little confused about the drifter IDs, so I haven't included the drifter tracks here, just the deployment location. As you can see, there is some high chlorophyll in the region where the ship spent a considerable amount of time. I will try looking at the 8-day data again to see if that helps but so far it has been really cloudy and difficult to discern much.

>> Regards

>> Pete

>>

>> Rick, can you please help me with the drifter IDs. In the data file the IDs in this general part of the ocean range from 21539 to 62776. But those numbers don't look like the IDs or WMO numbers in the deployment log:

```
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!Clearwater SVPBD2 5325
>> 109422 4600907 2012 09 08 51 01.2S 129 18.2E OCEAN PEARL
!Clearwater SVPBD2 5325
>> 109523 4600538 2012 09 08 51 04.7N 130 03.9W OCEAN PEARL
!Clearwater SVPBD2 5325
>> 109254 4600531 2012 09 07 51 14.9S 133 38.3E OCEAN PEARL
!Clearwater SVPBD2 5325
>> 109392 4600534 2012 09 07 51 12.8S 132 19.2E OCEAN PEARL
!Clearwater SVPBD2 5325
>> 109426 4600906 2012 09 06 51 12.9N 136 26.0W OCEAN PEARL
!Clearwater SVPBD2 5325
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!Clearwater SVPBD2 5325
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!Clearwater SVPBD2 5325
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!Clearwater SVPBD2 5325
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!Clearwater SVPBD2 5325
>> 114627 4600517 2012 08 13 53 14.1N 136 09.9W OCEAN PEARL
!Clearwater SVPBD2 5325
>>
>> ...am I missing something?
>> Thanks
>> Pete
>>
>>
>> On 19/10/2012, at 9:41 AM, Roberta Hamme <rhamme@uvic.ca
<mailto:rhamme@uvic.ca>> wrote:
>>
>>> Hi folks,
>>>
>>> Just talked to someone at NOAA about the Argo drifters deployed as part
of this project. They're drifters from AOML, not standard Argo floats.
You can see the group of Argo drifters deployed near Haida Gwaii in these
figures. Most of them are quite a lot farther offshore than I supposed
they would be. As won't surprise you, AOML was not fully informed about
the purpose of this project. They frequently work with citizen groups to
deploy drifters in areas where they do not have enough coverage. I believe
they would rather strenuously object to being called collaborators in this
"experiment".
>>>
>>> cheers, Roberta
>>>
>>> <pnp_aug12.gif>
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>>> --
>>> Roberta Hamme - (250) 472-4014
>>> rhamme@uvic.ca <mailto:rhamme@uvic.ca>, <http://web.uvic.ca/~rhamme/>
>>>
>>>
>>>
>>
>> --
>> Pete Strutton, Associate Professor
>> Institute for Marine and Antarctic Studies
>> University of Tasmania
>> Private Bag 129, Hobart, Tas, 7001, Australia
>> Ph: +613 6226 8595, mobile +614 8830 4012
>> <http://utas.academia.edu/PeterStrutton>
>> ARC Centre of Excellence for Climate System Science:
<http://www.climate-science.org.au/>
>

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Pete Strutton, Associate Professor
Institute for Marine and Antarctic Studies

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